AEE/KDR/EC/000028/20-21

M. A. R. 57 (Rule 116) No. E 486902

Measurement Book dt 16/10/2020

Ist and final Bill

Serial No. ....Providing sanitary pipeline at missing links in W.20.1

Name of work .....Shelby Hostel sewerage.....

Name of Contractor of nature of Agency.....Technical manpower KRIDL.....

Date of commencement of work.....EE/DD/WD/4444/2019-20 dtd: 02/12/2019

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Est cost Rs. 15.0 Lakhs.					JOB CODE: 012-18-000082	
	EE(DD) AS/128/18-19 Dtd: 24-01-2019						
	CE(D2) TS/88/18-19 dtd: 24-01-2019						
	Date of Commencement: 02.12.2019.						
	Date of Completion: 01.06.2020						
	Date of Recording: 02.12.2019.						
	(1) Earth work excavation for foundations to building walls, sapp sanitary line & electrical conduits either in pits or in trend 1.500 m & above in depth in hard soil not exceeding 1/4m to						

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MEASUREMENT BOOK

Da	Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	1	2	3	4	5	6	7	8
		depth including cutting the bottom & sides of pits and lines sheeting the excavated stuff from edges of excavation with upto 50m lead including cost of explosive labour & tools & equipment complete as per specifications.						
		Abj same as per P.M. sheet P.no. 486971 & TMB						
		08/02/2020						
		128.66/cum @ 899.98/m³					Rs. 292279.2	
		(2) providing & laying in position to required level or slope & gradient internal diameter cast glazed stoneware pipes Grade A & jointing with stiff mixture of cement in proportion of 1:1 testing & pipes & jointing including cost of materials labour charges complete as per specifications etc. complete ←						

M. A. R. 57 (Rule 116) No. E 486903
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Abj same as per P.M. P.no. 486978 & TMB						
	08/02/2020						
	520.6 cum @ 554.26/mt					Rs. 288365.6	
	(3) providing & laying in position pcc m 7.5 down & down nominal graded granite metal machine mixed concrete bed in layers not exceeding 15 cms thick well compacted for 900 mm internal diameter reinforced pipes including cost of materials labour charges Hire & machinery curing complete as per specifications.						
	Abj same as per P.M. P.no. 486978 & TMB						
	12/02/2020						
	602.6 cum @ 443.36/mt					Rs. 266928.7	

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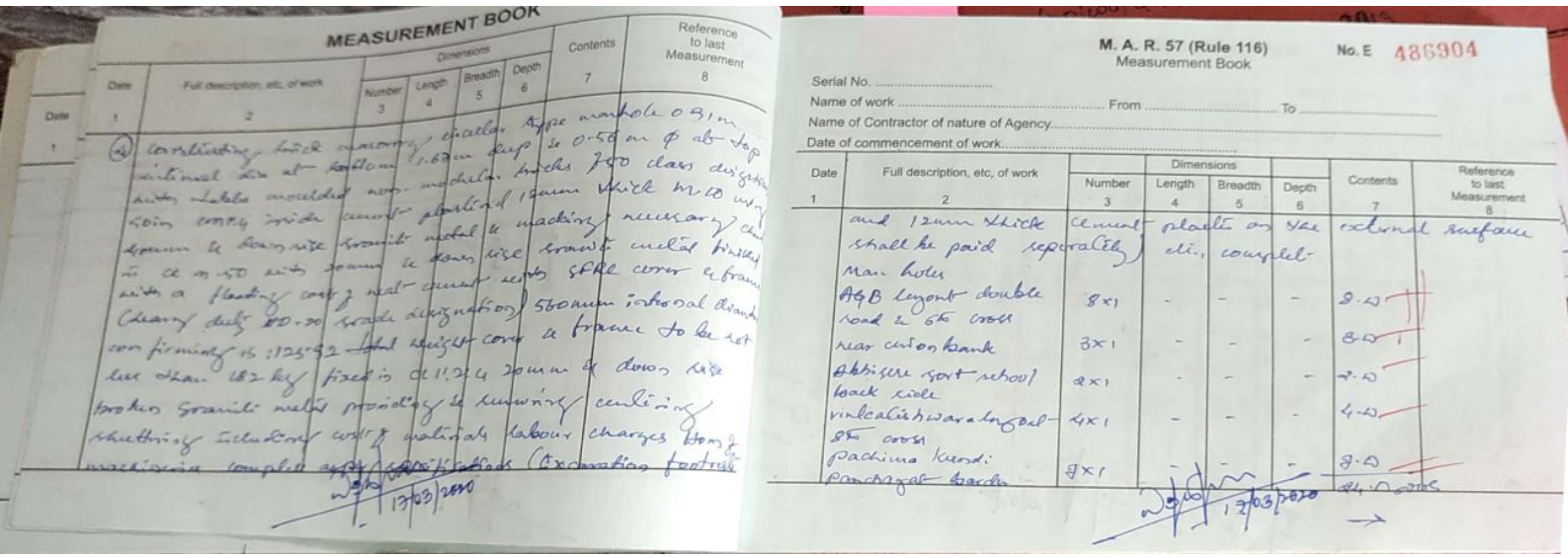

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	(a) Constructing brick masonry chamber type manhole 0.91m internal dia at bottom 1.67m deep in 0.56 m ϕ ab top with cable moulded non-modular bricks 250 class designation in cement mortar 1:4 inside smooth plastered 12mm thick in CM 1:3 mortar & 20mm & down size granite metal & making necessary channels in cement mortar 1:3 with 20mm & down size granite metal finishing with a floating coat of neat cement over 50 mm thick RCC cover slab with a frame & Cheany duty 20.00 tonne capacity) 560mm internal diameter cover fitting in 125 x 92 mm thick angle iron frame to be set in cement mortar 1:3 (1 part cement 3 parts coarse sand) not less than 152 kg fixed in CM 1:2:4 20mm & down size broken granite metal providing & rubbing / grinding / chipping / finishing complete including cost of materials labour charges etc. complete as per specifications (Excavation, foundation,						

M. A. R. 57 (Rule 116) No. E 486904
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	and 12mm thick cement plaster on the external surface shall be paid separately) etc., complete.						
	Man holes						
	A&B Legend double road & 6th cross	8×1	-	-	-	8.00	
	near canara bank	3×1	-	-	-	3.00	
	Abhisree govt school back side	2×1	-	-	-	2.00	
	vinayakashwara nagar 8th cross	4×1	-	-	-	4.00	
	pachima kundi:						
	panchayat office	3×1	-	-	-	3.00	
						24.00	

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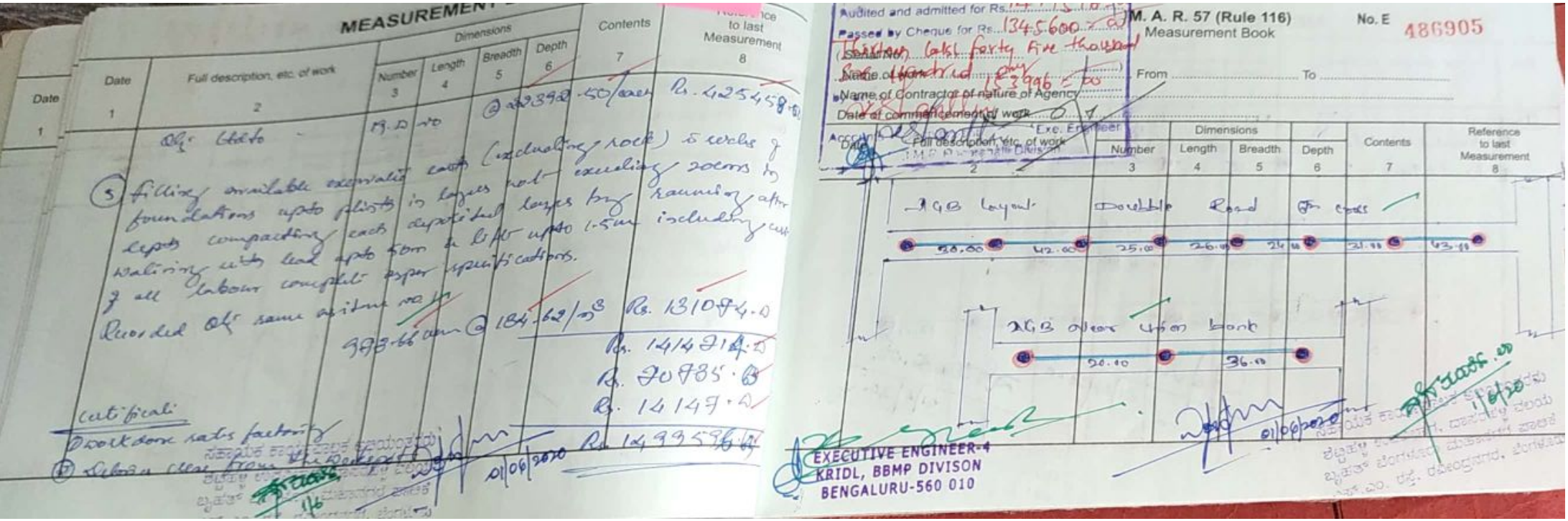

MEASUREMENT

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Qty. Upto	19.D no			@ 22392.50/cum	Rs. 4254587.50	
(5)	filling available excavated earth (excluding rock) in works of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by ramming etc watering with lead upto 50m & lift upto 1.5m including cutting all labour complete as per specifications.						
	Provided Qty same as item no 4	978.66 cum			@ 134.62/m³	Rs. 131694.00	
						Rs. 1414214.00	
						Rs. 20785.00	
						Rs. 14147.00	
	Certificate						
	Workdone satisfactorily					Rs. 14995596.50	
(6)	Labour cess from the Contractor						

01/06/2020

Audited and admitted for Rs. 1345600.00

Passed by Cheque for Rs. 1345600.00

(Serial No.)

Name of Work: ... From ... To ...

Name of Contractor or nature of Agency:

Date of commencement of work:

Exe. Engineer

M. A. R. 57 (Rule 116) Measurement Book No. E 486905

Account of	Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
		2	3	4	5	6	7	8
		JGB layout Double Road						
				50.00	42.00	25.00	26.00	24.00
							21.00	63.00
		JGB near Union Bank						
				50.00		36.00		

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

01/06/2020

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Index

Executed manhole

Executed Pipeline

Abbigere Govt back side

College

60.00 m

Venkateshwara Layout

30.00 m 30.00 m 30.00 m

30.00 m 25.00 m 46.00 m 20.00 m 22 m 32.0 m

01/06/2020

01/6/20

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